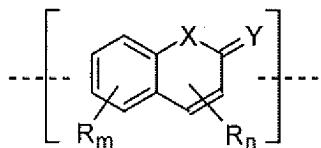


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Conjugated polymers, oligomers and dendrimers comprising at least 1 mol% of light emitting units of the formula (1)



Formula (1)

where the symbols and indices have the following meanings:

X is on each occurrence, identically or differently, oxygen, sulfur, selenium or an N(R1) group;

Y is on each occurrence, identically or differently, oxygen, sulfur or selenium;

R is on each occurrence, identically or differently, a straight-chain, branched or cyclic alkyl or alkoxy chain having 1 to 22 C atoms, in which, in addition, one or more non-adjacent C atoms may be replaced by -C(R1)=C(R1)-, -C≡C-, -N(R1)-, -O-, -S-, -CO-O- or -O-CO-O- and in which one or more H atoms may be replaced by fluorine, an aryl, heteroaryl or aryloxy group having 5 to 40 C atoms, in which, in addition, one or more C atoms may be replaced by O, S or N and which may also be substituted by one or more non-aromatic radicals R and in which two or more of the radicals R may form an aliphatic or aromatic, mono- or polycyclic ring system with one another, or fluorine, chlorine, hydroxyl, CN, N(R1)₂, Si(R1)₃ or B(R1)₂;

R¹ is on each occurrence, identically or differently, H, a straight-chain, branched or cyclic alkyl chain having 1 to 22 C atoms, in which, in addition, one or more non-adjacent C atoms may be replaced by -O-, -S-, -CO-O- or -O-CO-O- and in which one or more H atoms may be replaced by fluorine, an aryl or heteroaryl group having 5 to 40 C atoms, in which, in addition, one or more C atoms may be replaced by O, S or N and which may also be substituted by one or more non-aromatic radicals R¹; a plurality of radicals R¹ or R¹ here may also form an aromatic or aliphatic, mono- or polycyclic ring system with further radicals R;

m is on each occurrence, identically or differently, 0, 1, 2, 3 or 4, with the proviso that m cannot be 4 if a link to the polymer runs directly via the carbocyclic system, and with the further proviso that m cannot be 3 or 4 if both links to the polymer run directly via the carbocyclic system;

n is on each occurrence, identically or differently, 0, 1 or 2, with the proviso that n cannot be 2 if a link to the polymer runs directly via the heterocyclic system, and with the further proviso that n = 0 if both links to the polymer run directly via the heterocyclic system; with the exception of conjugated poly(phenyleneethynylenes).

2. (Original) Polymers according to Claim 1, characterised in that the units of the formula (1) are in conjugation with the polymer main chain.
3. (Previously presented) Polymers according to Claim 1, characterised in that the units of the formula (1) are incorporated into the main chain of the polymer.
4. (Original) Polymers according to Claim 3, characterised in that the linking takes place in such a way that an even number of C atoms lies between the linking points.
5. (Previously presented) Polymers according to Claim 1, characterised in that the units of the formula (1) are incorporated into the side chain of the polymer.
6. (Original) Polymers according to Claim 5, characterised in that the linking takes place via position 5, 6, 7 or 8.
7. (Previously presented) Polymers according to Claim 5, characterised in that the linking to the main chain takes place via aromatic units, diarylamino units, triarylamino units, arylene-vinylene or aryleneethynylene units.
8. (Previously presented) Polymers according to claim 1, characterised in that they comprise further structural elements.
9. (Previously presented) Polymers according to Claim 8, characterised in that the further structural elements are fluorenylenes, spirobifluorenylenes, dihydrophenanthrenylenes, indenofluorenylenes, tetrahydropyrenylenes, stilbenylenes, bisstyrylarylenes, 1,4-phenylenes, 1,4-naphthylenes, 1,4- or 9,10-anthrylenes, 1,6- or 2,7- or 4,9-pyrenylenes, 3,9- or 3,10-

perylene lenes, 2,7- or 3,6-phenanthrenylene, 4,4'-biphenylene, 4,4"-terphenylene or 4,4'-bi-1,1'-naphthylene.

10. (Previously presented) Polymers according to Claim 8, characterised in that further structural elements are triarylamines, triarylphosphines, benzidines, tetraarylene-para-phenylenediamines, phenothiazines, phenoxyazines, dihydrophenazines, thianthrenes, dibenzo-*p*-dioxins, phenoxathiynes, carbazoles, azulenes, thiophenes, pyrroles or furans.
11. (Previously presented) Polymers according to Claim 8, characterised in that further structural elements are pyridines, pyrimidines, pyridazines, pyrazines, triarylboranes, oxadiazoles, quinolines, quinoxalines or phenazines.
12. (Previously presented) Polymers according to claim 9, characterised in that they comprise at least 50 mol% of units according to Claim 9 and 2 – 30 mol% of structural units and said structural units are triarylamines, triarylphosphines, benzidines, tetraarylene-para-phenylenediamines, phenothiazines, phenoxyazines, dihydrophenazines, thianthrenes, dibenzo-*p*-dioxins, phenoxathiynes, carbazoles, azulenes, thiophenes, pyrroles, furans, pyridines, pyrimidines, pyridazines, pyrazines, triarylboranes, oxadiazoles, quinolines, quinoxalines or phenazines.
13. (Previously presented) Polymers according to claim 1, characterised in that the proportion of structural units of the formula (1) is 10 to 30 mol%.
14. (Previously presented) Polymers according to claim 1, characterised in that the X is on each occurrence, identically or differently, oxygen, sulfur or an N(R1) group; Y is on each occurrence, identically or differently, oxygen or sulfur; m is on each occurrence, identically or differently, 0, 1, 2 or 3, with the proviso that m cannot be 3 if both links to the polymer run directly via the carbocyclic system; the other symbols and indices are as defined.
15. (Previously presented) Polymers according to Claim 14, characterised in that the X is on each occurrence, identically or differently, oxygen or an N(R1) group;

Y is on each occurrence oxygen;
m is on each occurrence, identically or differently, 0, 1 or 2; and
n is on each occurrence, identically or differently, 0 or 1.

16. cancelled

17. (Previously presented) White-emitting conjugated polymers, characterised in that they comprise a proportion of 0.01 to 1 mol% of structural units of the formula (1) as claimed in claim 1.

18. (Previously presented) Red-emitting conjugated polymers, characterised in that they comprise at least 1 mol% of structural units of the formula (1) as claimed in claim 1.

19. (Previously presented) Blend of one or more polymers according to claim 1 with a further polymeric, oligomeric, dendritic or low-molecular-weight substances.

20. -22. (Cancelled)

23. (Previously presented) Solutions and formulations comprising one or more polymers or blends according to claim 1 in one or more solvents.

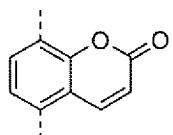
24. cancelled

25. (Previously presented) Electronic component comprising one or more polymers according to claim 1.

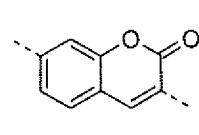
26. (Original) Electronic component according to Claim 25, characterised in that it is a field-effect transistor (O-FET), an organic thin-film transistor (O-TFT), an organic integrated circuit (O-IC), an organic solar cell (O-SC), an organic light-emitting diode (OLED) or an organic laser diode (O-laser).

27. (Previously presented) The electronic component according to claim 26 wherein the component is an organic light-emitting diode.

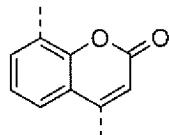
28. (Previously presented) Polymers according to claim 1, characterised in that the structures of the formula (1) are selected from the structures of the formulae (2) to (28),



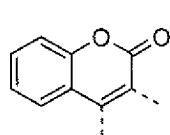
Formula (2)



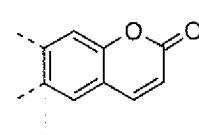
Formula (3)



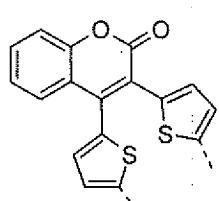
Formula (4)



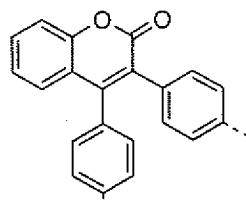
Formula (5)



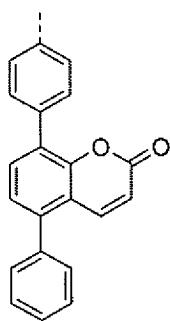
Formula (6)



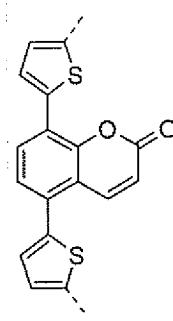
Formula (7)



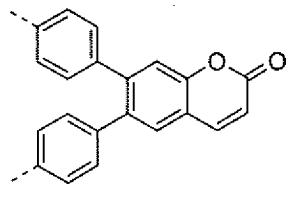
Formula (8)



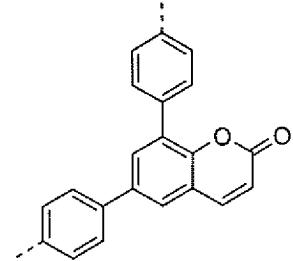
Formula (9)



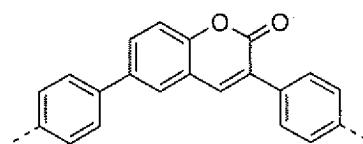
Formula (10)



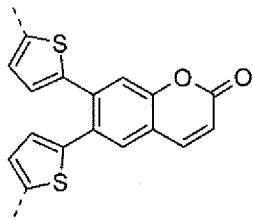
Formula (11)



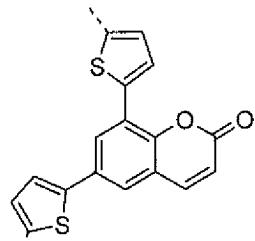
Formula (12)



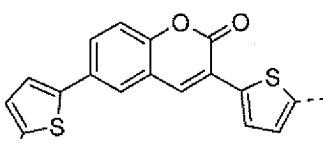
Formula (13)



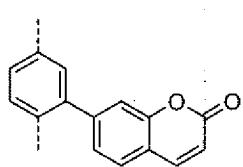
Formula (14)



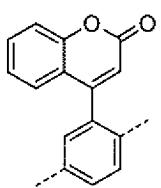
Formula (15)



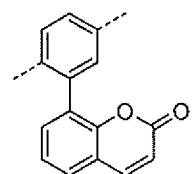
Formula (16)



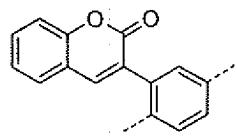
Formula (17)



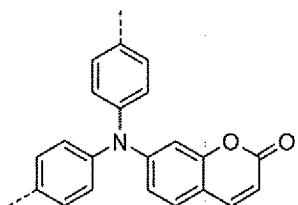
Formula (18)



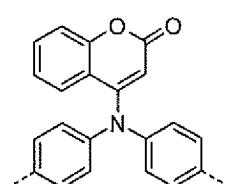
Formula (19)



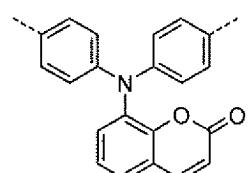
Formula (20)



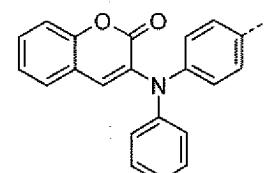
Formula (21)



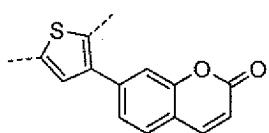
Formula (22)



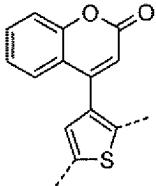
Formula (23)



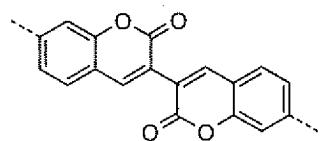
Formula (24)



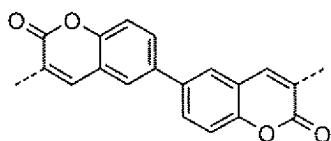
Formula (25)



Formula (26)



Formula (27)



Formula (28)

each of which is substituted by R or unsubstituted.